

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 7-80) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

010096

09/776,073

APPLICANT

LING et al.

FILING DATE

02/01/2001

GROUP

2621

DATE MAILED: 07/11/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

H.V.	C1	P.B. Wolniansky et al. "V-BLAST: An Architecture for Realizing Very high Data Rates Over the Rich-Scattering Wireless Channel," Proc. IEEE ISSE-98, Pisa, Italy, Sept. 30, 1998.
H.V.	C2	B. Hassibi et al. "High Rate Codes that are Linear in Space and Time," Bell Laboratories, Lucent Technologies, Murray hill, NJ. August 22, 2000 (pgs. 1-55)
H.V.	C2	U.S. Application No. 09/205,511 entitled "TURBO CODE INTERLEVER USING LINEAR CONGRUENTIAL SEQUENCE," now allowed. Ling et al., QUALCOMM Incorporated, California (USA).
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>3/29/04</i>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449

U.S. DEPARTMENT OF
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PATENT AND TRADEMARK OFFICE

(REV. 1-80)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

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010096

09/776,073

APPLICANT

Ling, et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
H.V.	A1	5 1 9 7 0 6 1	3/23/93	Halbert-Lassalle, et al.	370	11	3/19/91
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
H.V.	B1	0 0 2 7 0 8 5	5/11/00	PCT	Broadcom Corp.		
	B2						
	B3						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

H.V.	C1	Matsuoka, et al. "Adaptive Modulation System with Variable Coding Rate Concatenated Code for High Quality Multi-Media Communication Systems" IEEE: 487-491 (April 28, 1996).
H.V.	C2	Muneta, et al. "A New Frequency-Domain Link Adaptation Scheme for Broadband OFDM Systems" IEEE Vehicular Technology Conference 1(50): 253-257 (September 1999).
H.V.	C3	Sampei, et al. "Adaptive Modulation/TDMA Scheme for Large Capacity Personal Multi-Media Communication Systems" IEICE Transactions on Communications E77-8(9): 1096-1103 (September 1, 1994).
EXAMINER		DATE CONSIDERED
		3/29/04
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